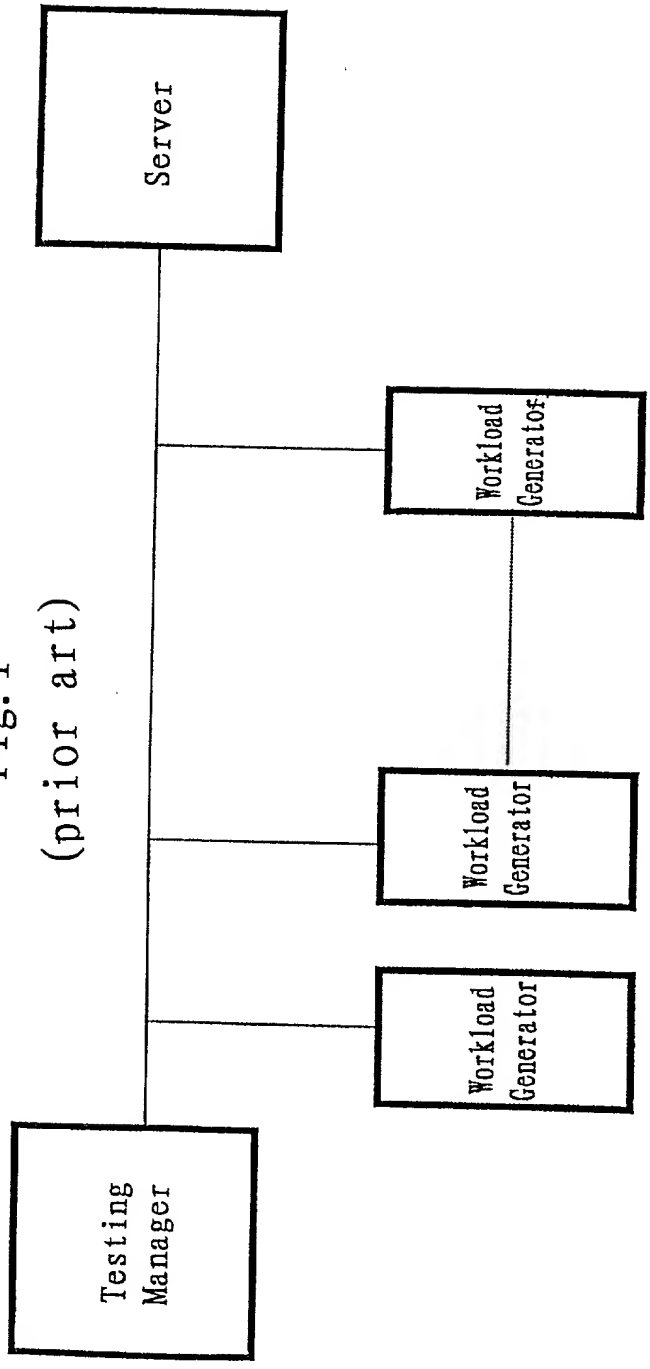

Fig. 1
(prior art)

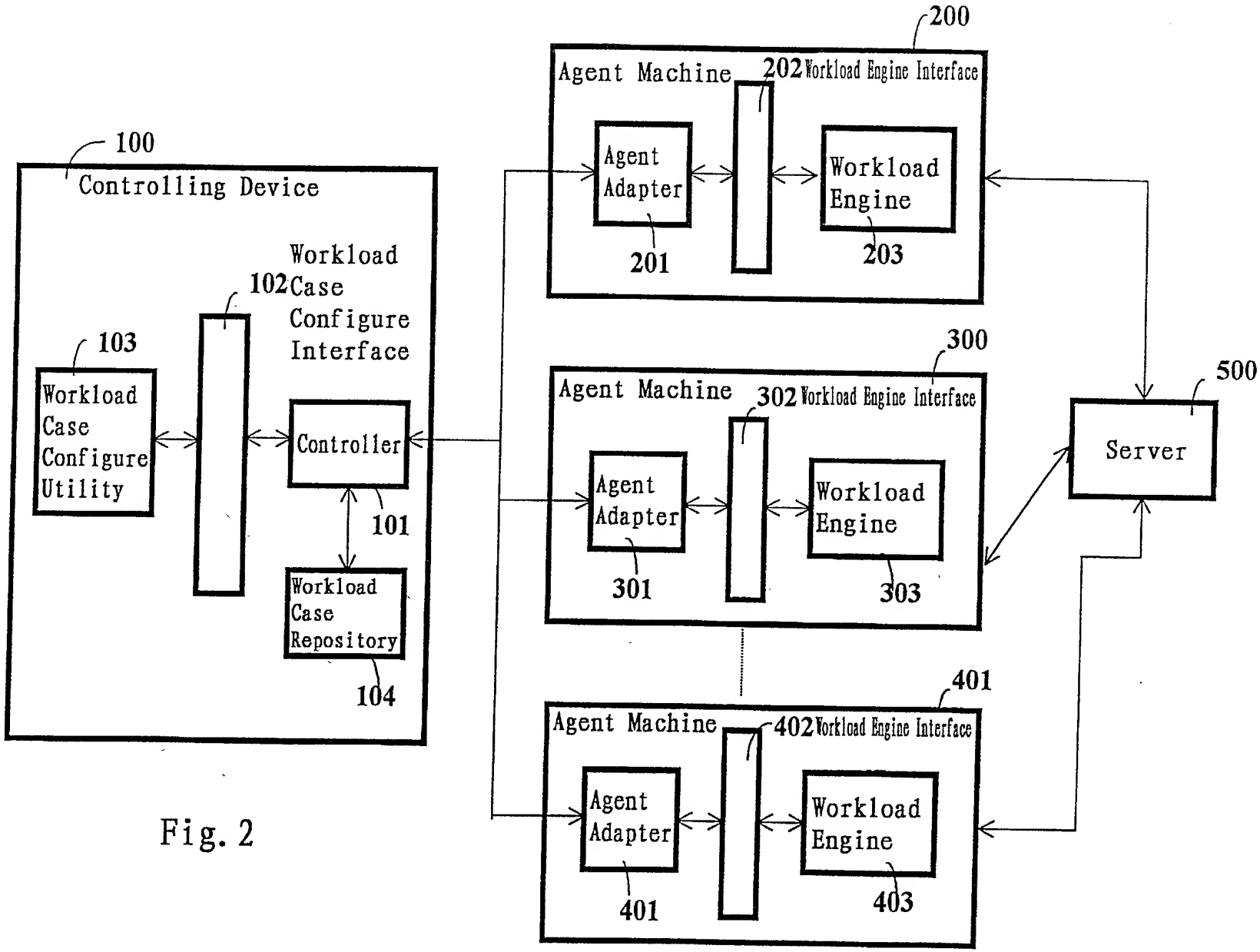
100
Controlling Device
Workload Case Configure Utility
103
102
Workload Case Configure Interface
Controller
101
Workload Case Repository
104
200
Agent Machine
202
Workload Engine Interface
Agent Adapter
201
Workload Engine
203
300
Agent Machine
302
Workload Engine Interface
Agent Adapter
301
Workload Engine
303
401
Agent Machine
402
Workload Engine Interface
Agent Adapter
401
Workload Engine
403
500
Server

Fig. 2

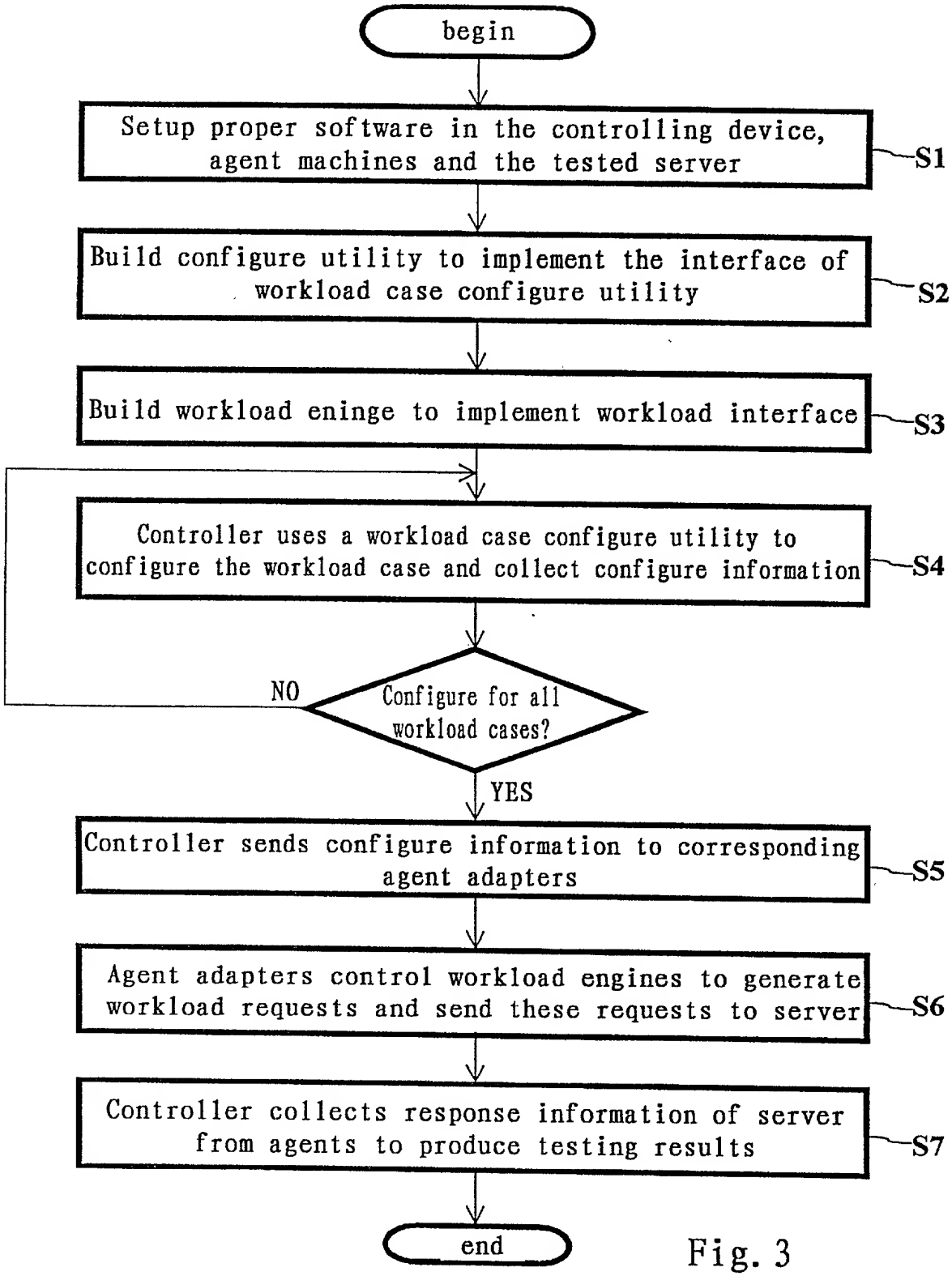
begin
Setup proper software in the controlling device, agent machines and the tested server
S1
Build configure utility to implement the interface of workload case configure utility
S2
Build workload eninge to implement workload interface
S3
Controller uses a workload case configure utility to configure the workload case and collect configure information
S4
NO
Configure for all workload cases?
YES
Controller sends configure information to corresponding agent adapters
S5
Agent adapters control workload engines to generate workload requests and send these requests to server
S6
Controller collects response information of server from agents to produce testing results
S7
end

Fig. 3

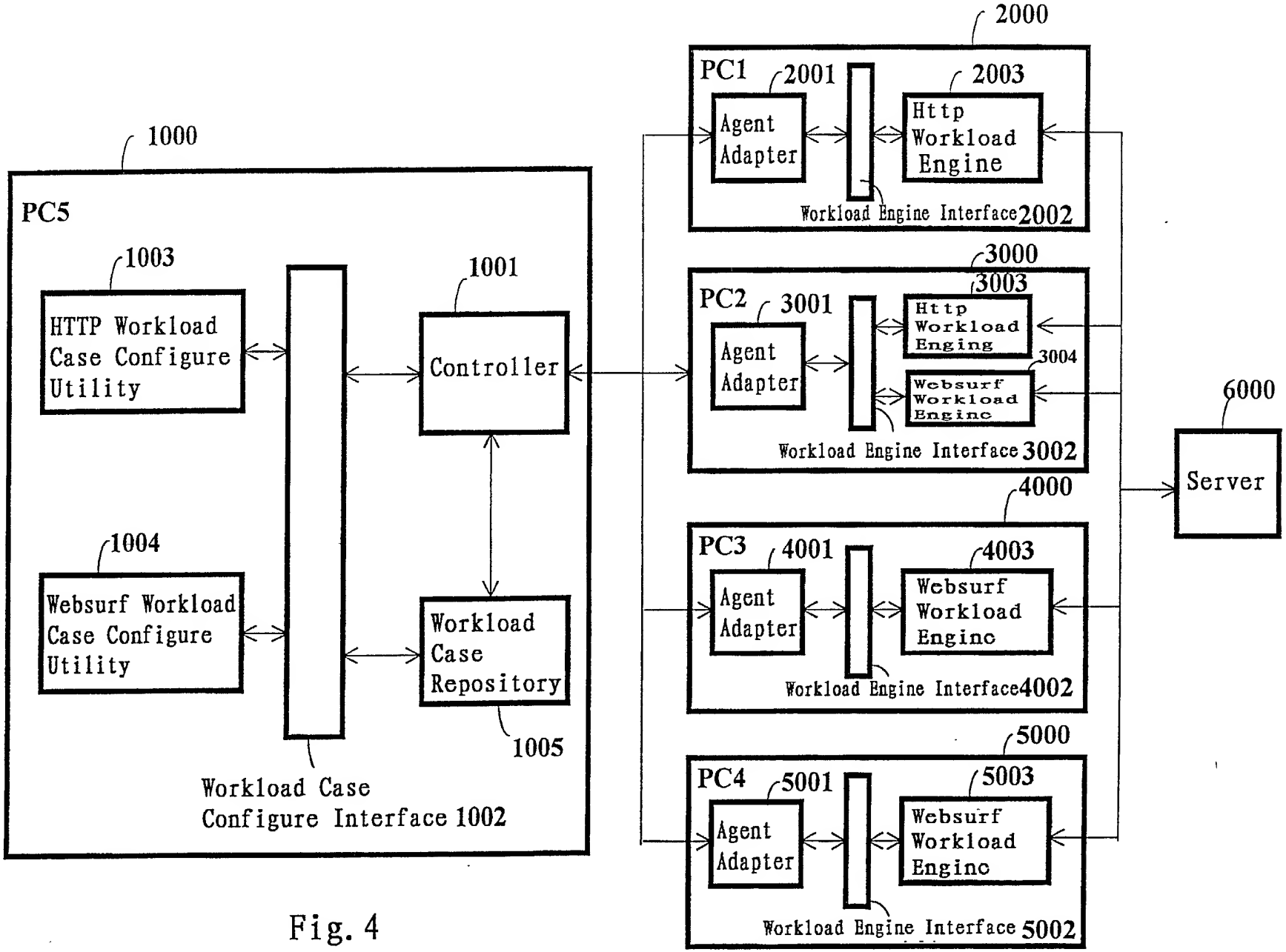
1000
PC5
1003
HTTP Workload Case Configure Utility
1004
Websurf Workload Case Configure Utility
1001
Controller
Workload Case Repository
1005
Workload Case Configure Interface 1002
2000
PC1
2001
Agent Adapter
2003
Http Workload Engine
Workload Engine Interface 2002
3000
PC2
3001
Agent Adapter
3003
Http Workload Enging
3004
Websurf Workload Enginc
Workload Engine Interface 3002
4000
PC3
4001
Agent Adapter
4003
Websurf Workload Enginc
Workload Engine Interface 4002
5000
PC4
5001
Agent Adapter
5003
Websurf Workload Enginc
Workload Engine Interface 5002
6000
Server

Fig. 4

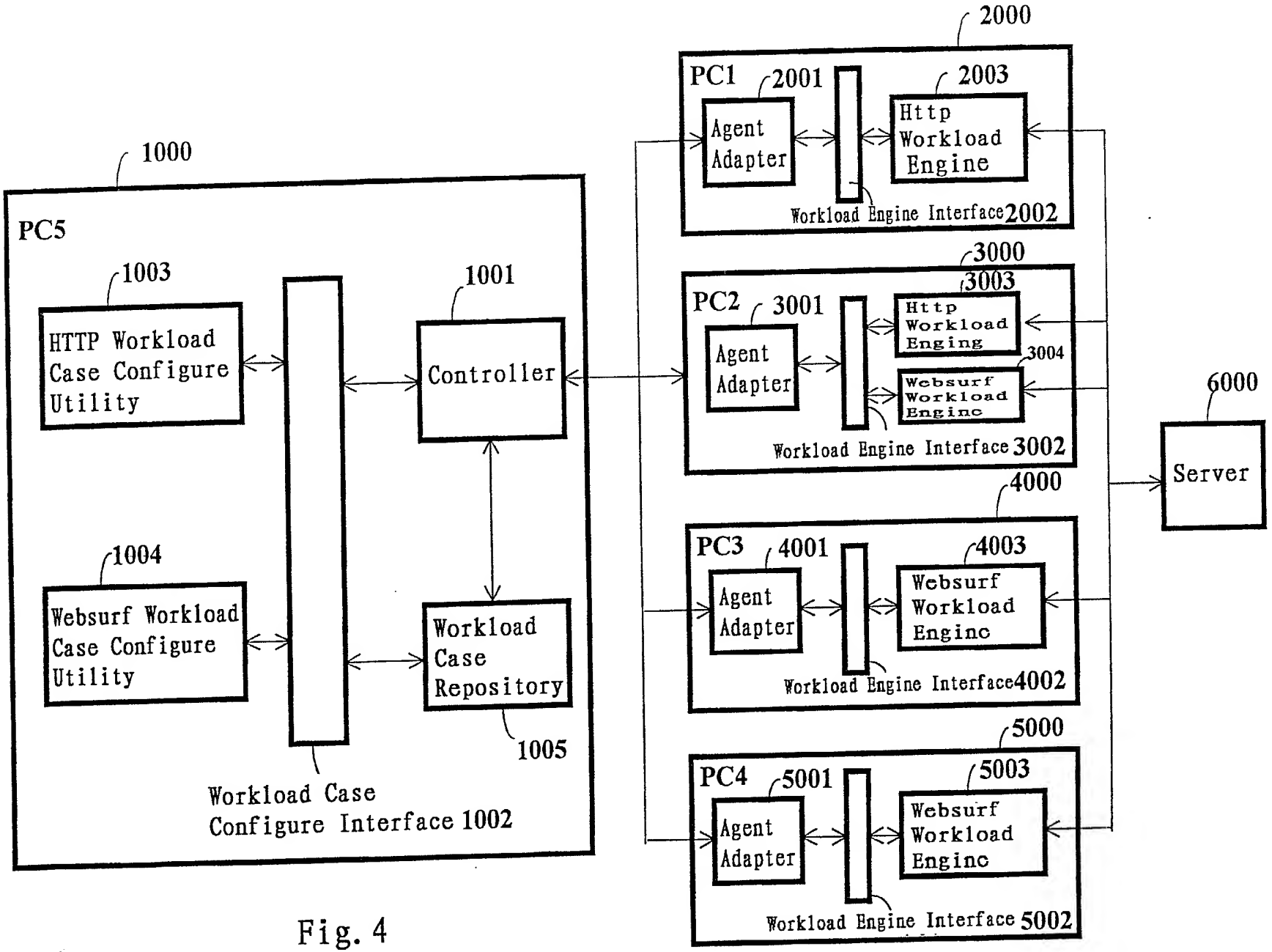
1000
PC5
1003
HTTP Workload Case Configure Utility
1004
Websurf Workload Case Configure Utility
1001
Controller
Workload Case Repository
1005
Workload Case Configure Interface 1002
2000
PC1
2001
Agent Adapter
2003
Http Workload Engine
Workload Engine Interface 2002
3000
PC2
3001
Agent Adapter
3003
Http Workload Enging
3004
Websurf Workload Enginc
Workload Engine Interface 3002
4000
PC3
4001
Agent Adapter
4003
Websurf Workload Enginc
Workload Engine Interface 4002
5000
PC4
5001
Agent Adapter
5003
Websurf Workload Enginc
Workload Engine Interface 5002
6000
Server

Fig. 4